

2. (reiterated) The method of claim 1 wherein the MDA-9 is encoded by an endogenous gene.

3. (reiterated) A method for determining whether a test compound modulates the drug resistance of a cell, the method comprising:

- a) incubating MDA-9 protein in the presence of a test compound;
- b) determining whether the test compound binds to the MDA-9 protein;
- c) selecting a test compound which binds to the MDA-9 protein;
- d) administering the test compound selected in step c) to a non-human mammal having drug resistant cells;
- e) determining whether the test compound alters the drug resistance of the cells in the non-human mammal; and
- f) identifying the test compound as a modulator of drug resistance of the cell if the compound alters the drug resistance of the cells in step e).

Add new claims 4 and 5

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21 -4. The method of claim 1 wherein the level of expression of MDA-9 mRNA is determined by measuring the level of mRNA encoding MDA-9.

24-5. The method of claim 1 wherein the level of expression of MDA-9 is determined by measuring the level of MDA-9 protein.--
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